



How do I Configure The App UI?

Configure in Platform > App UI Design

Version: 20200227

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Tuya provides different UI templates for the App control panel, including fixed, custom, code-free UI creation, and development and debugging templates.

During product creation, you can select an App UI template and edit the template on the **App UI Design** page. Each template supports different configurations. For details, see the template description or scan the QR code by using the Tuya Smart App to experience each of them on your mobile phone. Then, determine which template is suitable for your product.

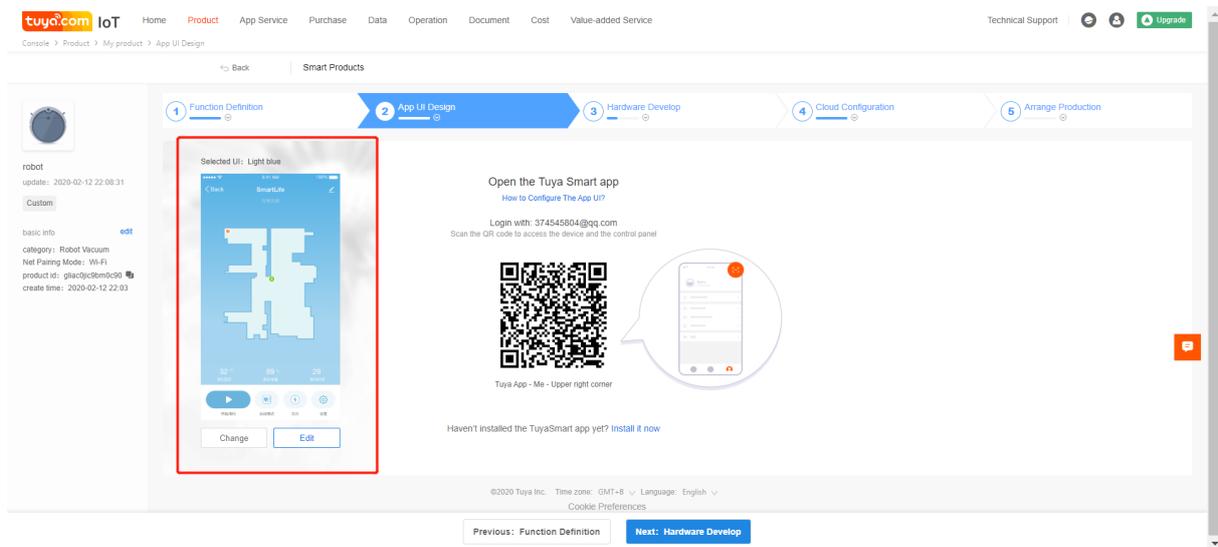


Figure 1: image.png

If you want to use another template, click **Change**. Other supported UI templates are displayed. Select a UI template and click **Ok**. To try the template, use the Tuya Smart App to scan the QR code.

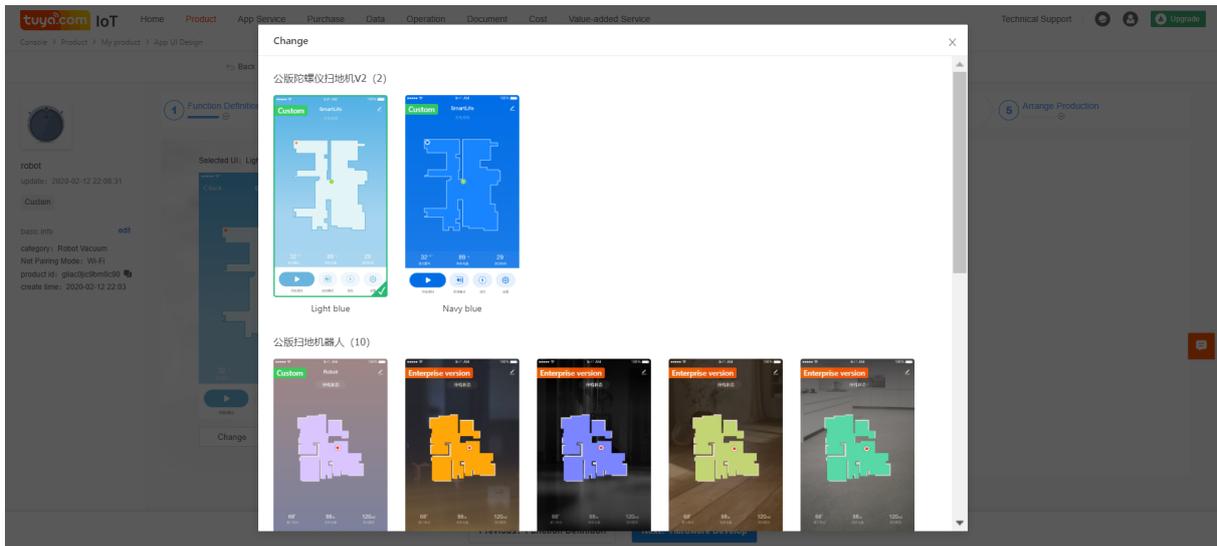


Figure 2: image.png

Tuya provides the following types of UI templates:

- Fixed templates
- Custom templates
- Code-free UI creation templates
- Development and debugging templates

1 Fixed templates

Different types of templates are provided for different products. Based on configuration of standard functions (enabled or disabled), fixed templates can produce different function display patterns on App UIs.



Select a template suitable for your product after reading the template description and trying templates on your mobile phone. If any functions are not displayed, verify or replace the template.

2 Custom templates

After selecting a custom template, you can click **Edit** to customize UI elements, such as the background, theme color, and font color, and click **Save**.

The screenshot shows the 'Interface configuration' page in the Tuya management console. The page is divided into three main sections for customization:

- UI interface background:** Allows setting the background color or image. It includes a 'Background type' selector with 'Background color' and 'Background image' options. Under 'Image', there are 'Select image' and 'Image custom upload' tabs. A grid of color swatches is visible, with a preview of the selected background on the left.
- Main screen design:** Allows designing the style of the main screen. It features a 'Select image' tab and a grid of circular design templates. A preview of the selected design is shown on the left.
- Font color:** Allows setting the font color of the UI interface. It includes a 'Color select' row with several color swatches and a 'Custom' color picker showing the hex code #514A44.

On the right side of the interface, there is a QR code for downloading the Tuya Smart App, a '400 Call' button, and a 'Consult' button. At the bottom, there is a footer with copyright information: ©2019 Tuya Inc. Time zone: GMT+8, language: English, and a link to Cookie Preferences.

3 Code-free UI creation templates

By using a code-free UI creation template, you can freely configure App UIs. You can select module shapes, icons, and background images for different data points (DPs), drag and sort DPs, and change the UI style.

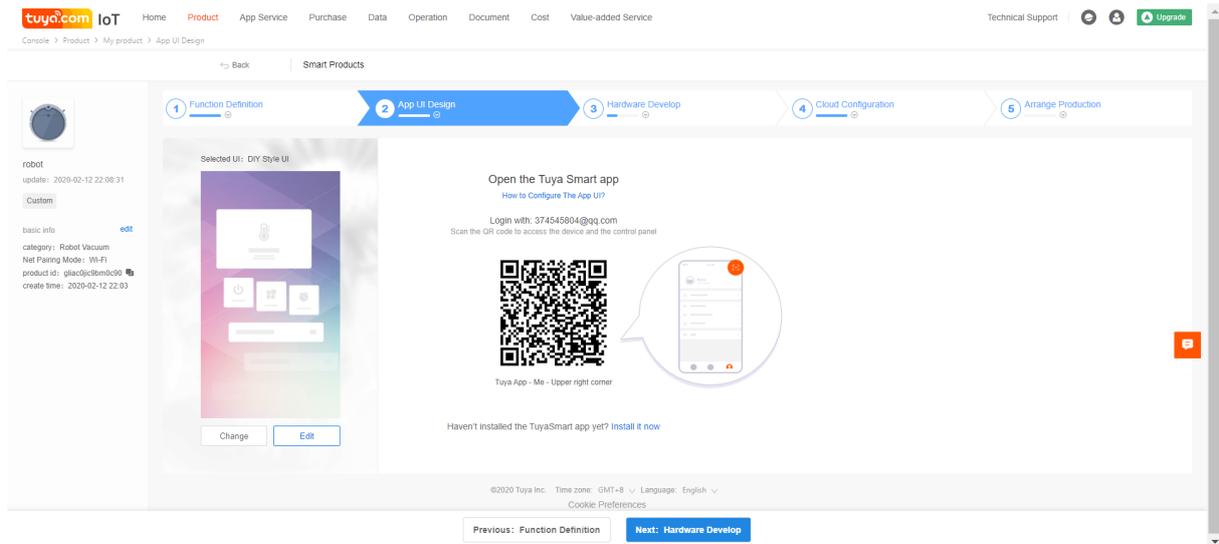


Figure 3: image.png

After selecting a code-free UI creation template, you can click **Edit** to enter the UI configuration page.

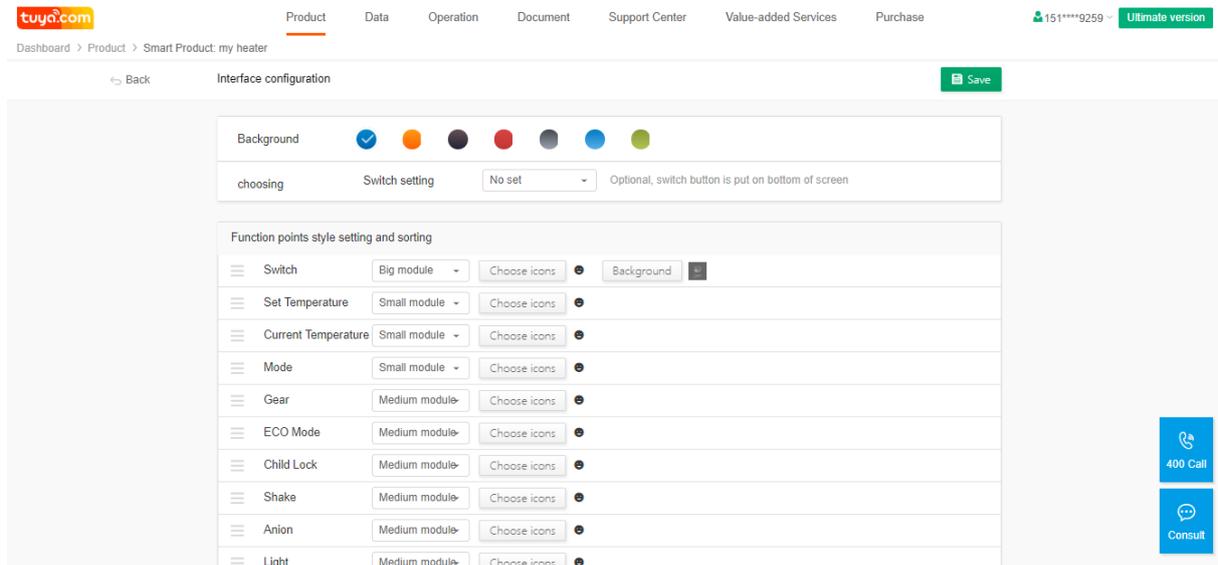


Figure 4: cmd-markdown-logo

3.1 How do I use a code-free UI creation template?

A shaped module is configured for each product function. Currently, Tuya provides large, medium, and small module styles, which can be automatically adopted to function types by the system. Command delivery and reporting vary by function.

- Background selection: The background affects the overall tone of App UIs.
- Switch setting: You can set a Boolean type DP as a switch. The switch is used as the product’s main switch and is displayed in the lower part of the UI. This function is optional.
- Style setting and sorting of DPs: Styles and sorting of DPs can be customized. Currently, large, medium, and small modules are provided for DPs.
- Large module: You can change the background image and icon.
- Medium module: You can change the icon.
- Small module: You can change the icon.

After editing a code-free UI creation template, you need to save the settings and scan the QR code to view the effect.

4 Development and debugging templates

When you use a development and debugging template, you can view communication logs. After you select a development and debugging template, click **Next** to enter the **Hardware Debug** page.

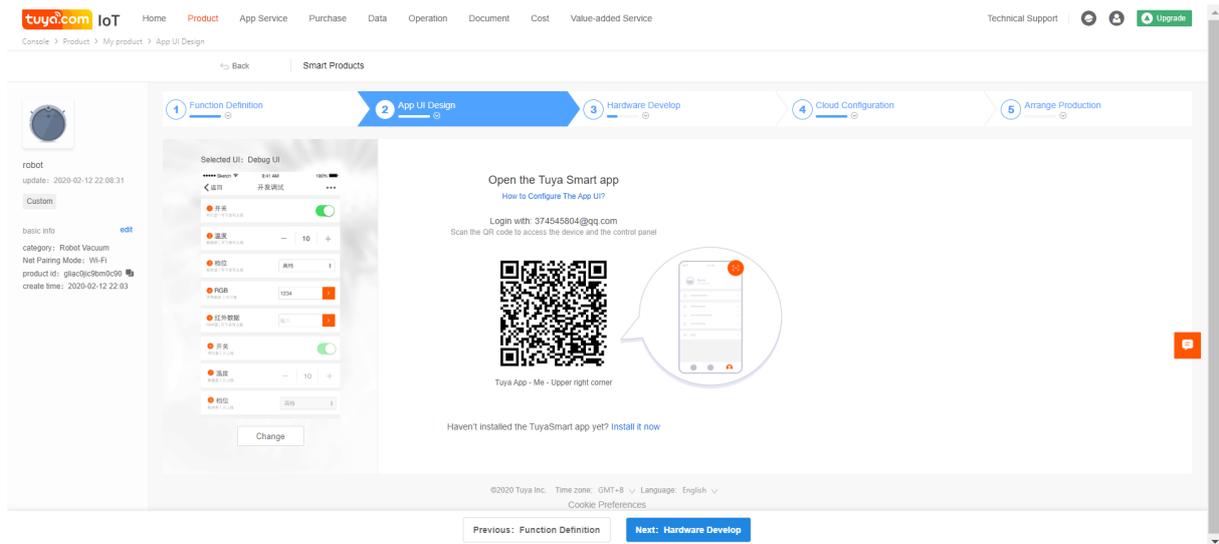


Figure 5: image.png

Click **Virtual Device Debugging Test** and use the Tuya Smart App to scan the QR code to perform online debugging.



How do I Configure the App AND DEBUGGING TEMPLATES

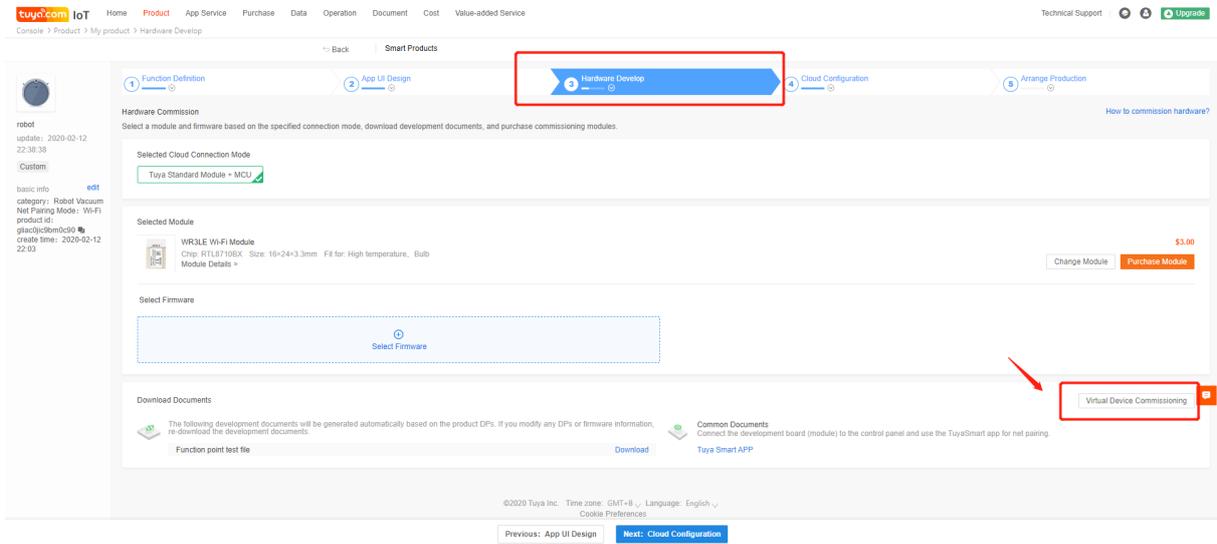
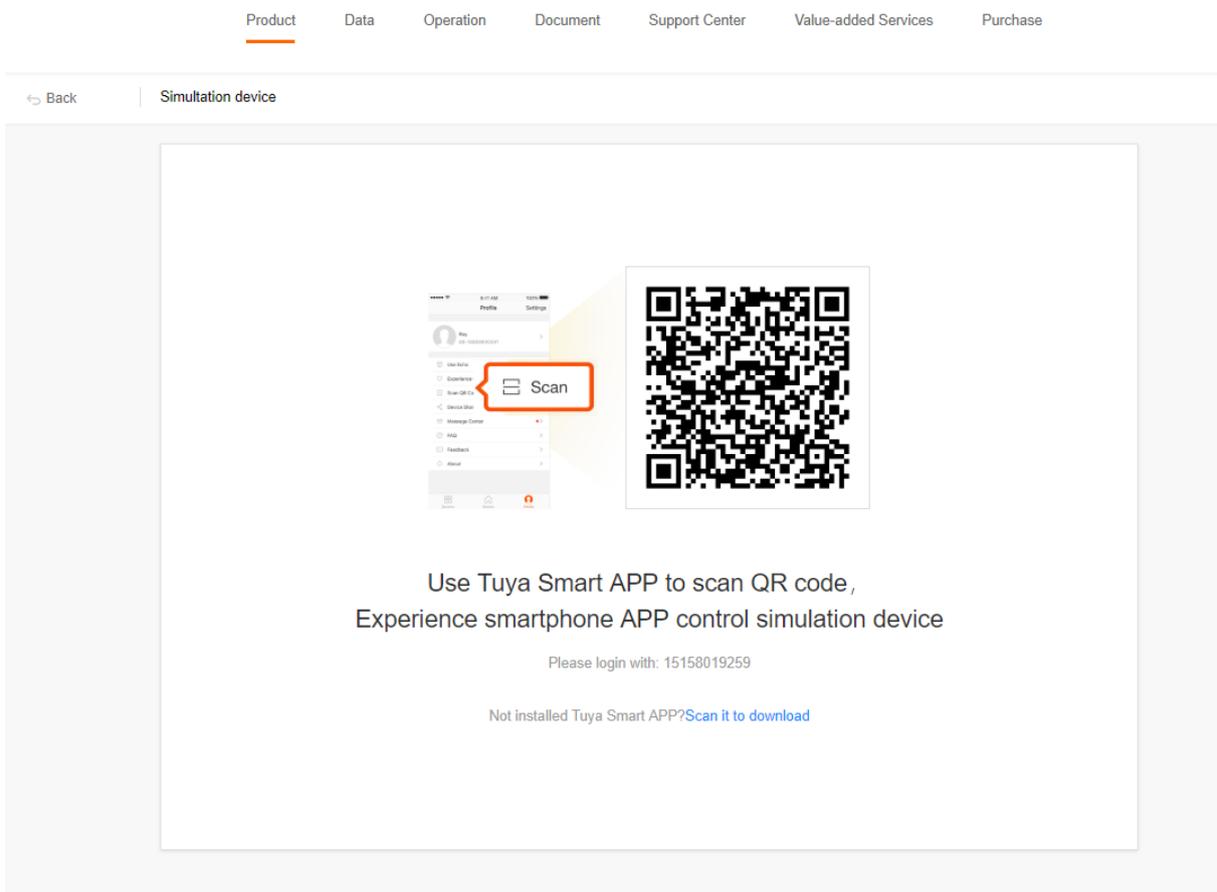


Figure 6: image.png



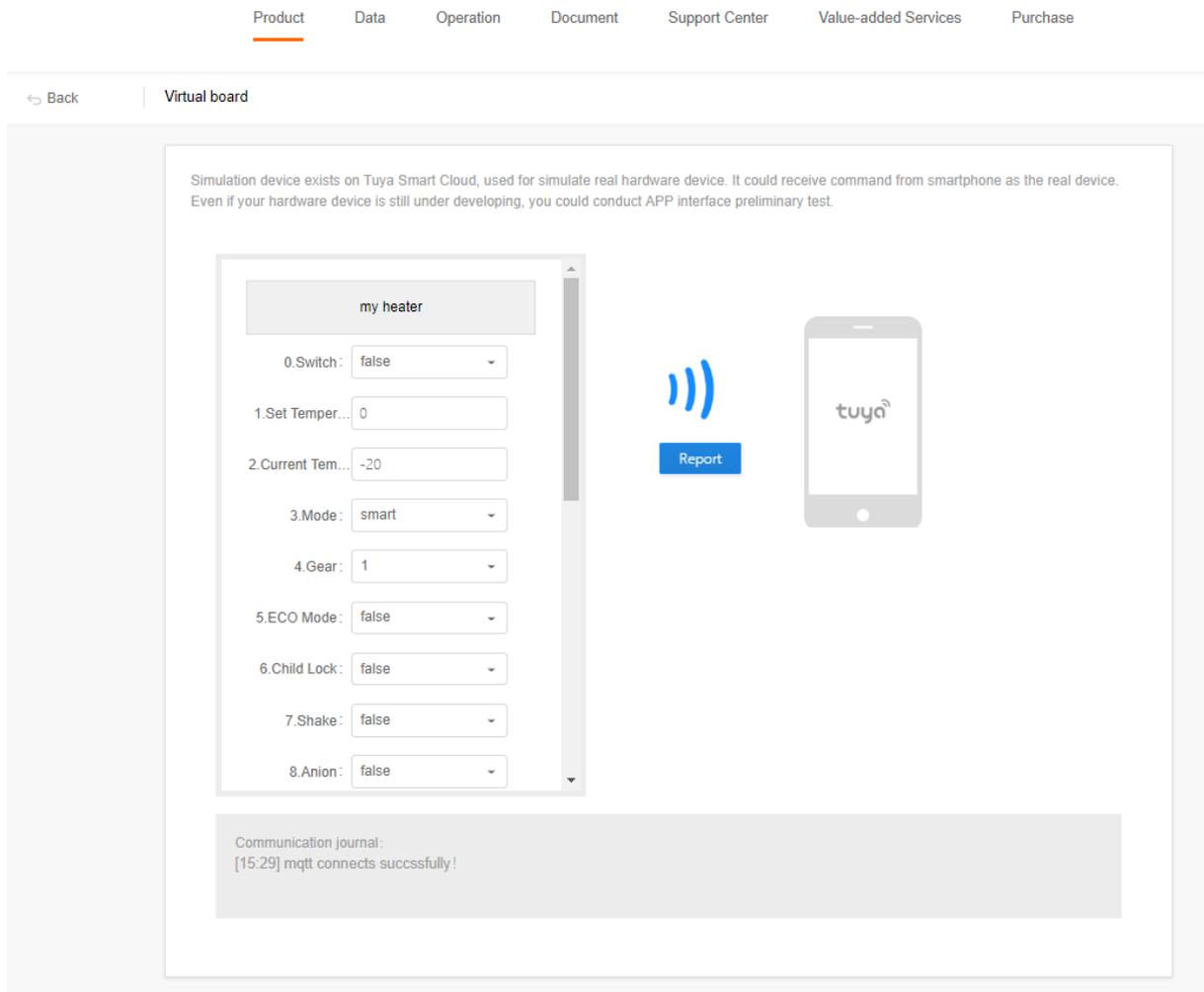


Figure 7: cmd-markdown-logo

On the virtual panel page, you can view communication logs. When your product is being debugged, you can use a development and debugging template for testing. A development and debugging template allows you to display all product functions and function types. However, it is not recommended to release the template to users.